

## REMARKS

### Status of the Claims

In accordance with the foregoing, claims 30 and 35-36 have been amended. Claims 30 and 35-36 are pending and under consideration. Respectfully, the rejection is traversed.

### Claim Rejections under 35 USC § 112

Claims 30 and 35-36 are rejected under 35 USC § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 30 and 36 have been amended to recite calculating a load balance contribution ratio "by using a processing time  $\gamma_i(p)$  of a parallel processing portion within a processing executed in each said processor  $i$ , a processing time  $\chi_{i,j}(p)$  of each parallel performance impediment factor  $j$  within said processing executed in each said processor  $i$  and a number  $p$  of processors of said parallel computer system."

Claim 35 recites "in each processor  $i$  of said parallel computer system, a processing time  $\gamma_i(p)$  of a parallel processing portion within a processing executed in each said processor, and a processing time  $\chi_{i,j}(p)$  of each parallel performance impediment factor  $j$  within said processing executed in each said processor."

In claims 30 and 35-36, a parallel efficiency is then calculated by using the load balance contribution ratio, the virtual parallelization ratio, and the parallel performance impediment factor contribution ratio.

It is respectfully submitted that the amended claims clearly recite how the load is related to the other computations. Respectfully, this rejection is traversed.

### Conclusion

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

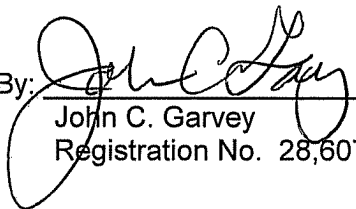
If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Serial No. 10/619,462

Respectfully submitted,

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